

OPTIX RECESSED 600x600 2L 4000K ALU SSH  
0044139



Features

• OPTIX RECESSED 600x600 2L 4000K ALU SSH is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. SylSmart Connected Building capable. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 27W. Luminaire efficacy 126lm/W. Lifespan: 48,000 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.

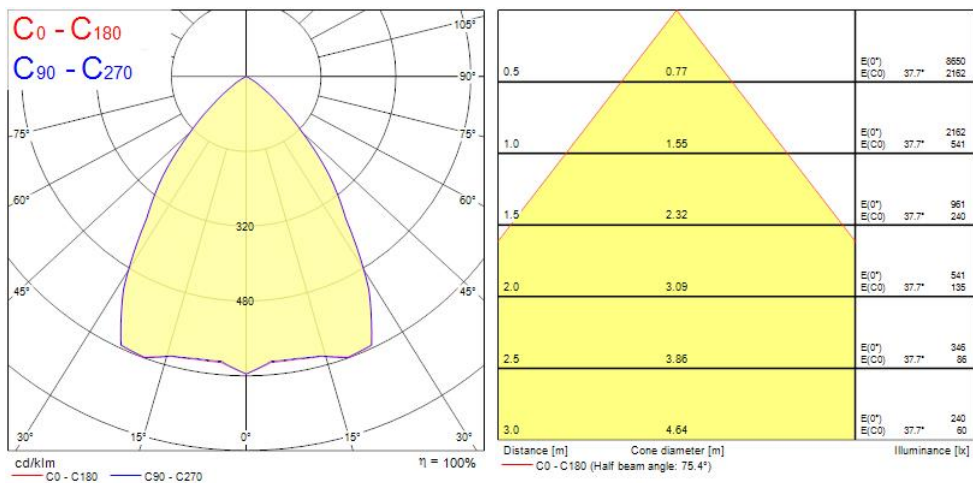
Product Overview

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Product name                      | OPTIX RECESSED 600x600 2L 4000K ALU SSH |
| Technology                        | LED (3 SDCM)                            |
| Cap/Base                          | N/A                                     |
| Housing                           | Steel                                   |
| Mount                             | Ceiling recessed mounting               |
| Fixture rating                    | Enclosed                                |
| General application               | Office, Education                       |
| ETIM Class                        | EC002892                                |
| E-number FI                       | 4276563                                 |
| Fixture luminous flux (lm)        | 3400                                    |
| Luminaire efficacy (lm/W)         | 126                                     |
| Correlated colour temperature (k) | 4000                                    |
| Light colour                      | Neutral White                           |
| CRI (Ra)                          | 80                                      |
| Colour Variation Initial (SDCM)   | 3                                       |
| Glare control                     | < 16                                    |
| Photobiological Risk Group        | RG1                                     |

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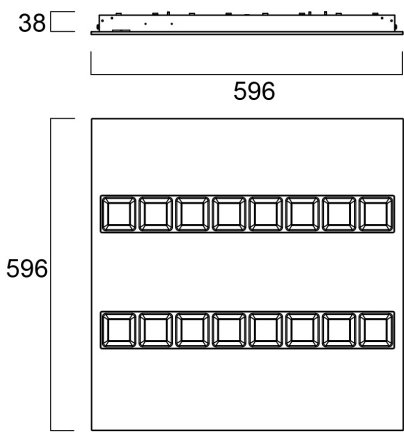
|                             |                             |
|-----------------------------|-----------------------------|
| Total power consumption (W) | 27                          |
| Electrical protection       | Class I                     |
| Control gear type           | LED driver constant current |
| Dimmable                    | Yes                         |
| LED Flickering Rate         | Ultra low (5% or less)      |
| Housing colour              | RAL9016                     |
| IP rating                   | IP20                        |
| IK rating                   | IK07                        |
| Product EAN number          | 5410288441399               |
| Warranty                    | 5 years                     |
| Dimming method              | SylSmart SSH                |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| Product name                            | OPTIX RECESSED 600x600 2L 4000K ALU SSH |
| Technology                              | LED (3 SDCM)                            |
| Cap/Base                                | N/A                                     |
| Housing                                 | Steel                                   |
| Mount                                   | Ceiling recessed mounting               |
| Fixture rating                          | Enclosed                                |
| General application                     | Office, Education                       |
| Performance ambient temperature Tq (°C) | 25                                      |
| ETIM Class                              | EC002892                                |
| E-number FI                             | 4276563                                 |
| Warranty                                | 5 years                                 |

OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 3400 |
| Luminaire efficacy (lm/W)  | 126  |

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|                                   |               |
|-----------------------------------|---------------|
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |
| Glare control                     | < 16          |
| Photobiological Risk Group        | RG1           |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 27                          |
| Primary Supply/Product voltage - min (V)                 | 220                         |
| Primary Supply/Product voltage - max (V)                 | 240                         |
| Lamp power factor                                        | 0.96                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Dimmable                                                 | Yes                         |
| Dimming method                                           | SylSmart SSH                |
| Drive current (mA)                                       | 250                         |
| Inrush Current (A)                                       | 25                          |
| Inrush Duration (µs)                                     | 177                         |
| Energy Efficiency Class (A->G) of contained light source | C                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| LED Flickering Rate                                      | Ultra low (5% or less)      |
| Max. products per 16A C Breaker                          | 56                          |
| Connectable conductor cross section - Min (mm²)          | 2.5                         |
| Connectable conductor cross section - Max (mm²)          | 2.5                         |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 107500 |
| Lifespan L90 B10 | 48500  |

## OPTIX RECESSED 600x600 2L 4000K ALU SSH 0044139

### PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | RAL9016          |
| IP rating                   | IP20             |
| IK rating                   | IK07             |
| Diffuser finish             | Matt/satinized   |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 596              |
| Nominal Product Width (mm)  | 596              |
| Nominal Product Height (mm) | 38               |
| Weight (kg)                 | 5.0              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288441399  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (inner)                         | 05410288441399 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 62.0           |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 65.0           |

### SAFETY DATA

|                                     |     |
|-------------------------------------|-----|
| Glow Wire Test (°C)                 | 850 |
| Special purpose lamp                | No  |
| Dry applications use only           | No  |
| Suitable for household illumination | No  |